

The daily evidence digest collates recently released reports and evidence – provision of these links does not imply endorsement nor recommendation.

Endotheliitis, ventilator demand, testing, infection control, the path forward

Peer review journals include:

- A letter to the editor demonstrating the presence viral elements within endothelial cells, and evidence that COVID-19 infection facilitates induction of endotheliitis in several organs [here](#)
- A letter that describes a method to project the demand for ventilators in the US [here](#)
- A retrospective cohort study on viral load dynamics and disease severity in China [here](#)
- A framework for community stabilisation and sustainability based on Maslow's Hierarchy of Needs and social determinants of health [here](#)
- A qualitative study of world leaders' usage of Twitter during COVID-19 [here](#)

Pre-peer review articles include a systematic review on false negative results of initial RT-PCR assays [here](#) and a description of the development, and multicentre performance evaluation, of an automated IgM and IgG immunoassay [here](#)

Evidence reviews:

- The Centre for Evidence Based Medicine released reviews on: interventions for reducing the risk of asymptomatic healthcare workers transmitting COVID-19 infection to other household members [here](#); the advantages and disadvantages of different tests for screening, diagnosing and monitoring COVID-19 [here](#); and the efficacy and safety of rapid exercise tests [here](#)
- The Cochrane library released a rapid evidence review focused on barriers and facilitators of healthcare workers' adherence to infection prevention and control guidelines [here](#)

New guidance focuses on:

- ADHD management, from the European ADHD Guidelines group [here](#)
- The use of computed tomography (CT scans) in patients undergoing elective cancer surgery from the UK's Royal College of Radiologists [here](#)
- A position statement from the Cardiac Society of Australia and New Zealand on the evaluation of patients presenting with suspected acute coronary syndromes [here](#)
- Screening clients for respiratory infection symptoms at entry to homeless shelters, from the CDC [here](#)

The WHO released information on addressing human rights in the COVID-19 response [here](#)

Twitter activity

There has been Increased Twitter activity on palliative care, future planning, testing and fact checking health claims on socials:

Palliative care;

- Providing palliative care in a pandemic @bmj_latest [here](#)
- Characteristics, symptom management and outcomes [here](#)
- A conversation Toolkit @UVMHealth [here](#)

Future planning;

- Action Plan - pragmatic steps to re-open workplaces and communities from @RockefellerFdn [here](#)
- The Department of Health's update on COVID-19 measures including relaxed elective surgery restrictions [here](#)
- Joint media statement from the Australian and New Zealand College of Anaesthetists and the Royal Australasian College of Surgeons with Minister for Health Greg Hunt relating to the introduction of an expanded scope of non-urgent surgery [here](#)

Fact checking;

- Health claims - fact checked! To check the reliability of claims circulated on social media supported by @CochraneIreland [here](#)